

FEES:

Applicant includes herewith the small entity filing fee of \$375 for a new utility application and has amended the parent application in accordance with 37CFR 1.121 and believes that no additional fees are required, however, Applicant respectfully requests prompt notification in case missing fees are required in order correct such deficiency in a timely manner so that this amendment will be fully responsive on the effective date thereof.

REMARKS:

This amendment is for the purpose of filing a continuation of Applicant's parent application by amending the parent specification and drawings from prior office actions in the chain of this application in accordance with 37CFR 1.121. As the parent application contained numerous errors cited in the previous office actions, Applicant submits herewith a complete marked up specification to facilitate the patent examining process. Applicant has carefully checked the entire specification and believes that with the following amendments, all errors have now been found and respectfully requests entry of the specification.

In addition to the errors corrected in response to previous office actions, Applicant respectfully requests that the following amendments be entered in the record.

On the title page, please amend the docket number to read --"20121C"-- and amend the title to read --"Intelligent System for Detecting Multiple Hazards and Field Marker Therefor."

On page 2 of the parent application, in the section titled --"Cross Reference to Related Applications"-- please amend the first sentence of the specification to include the phrase --"...a continuation of Applicant's co-pending parent Patent application Serial number 10/234,259 filed on September 4, 2002, now allowed, which is a continuation of Applicant's co-pending parent Patent application Serial number 09/901,792 filed on July 9, 2001, now U. S. Patent 6,480,115 B2, which is a continuation of Applicant's co-pending parent Patent application Serial number 09/306,171 filed on May 6, 1999, now U. S. Patent 6,253,373, issued on 10 July 2001 which is ..."-- after the words --"This application is..."

In the paragraph beginning on line 5 of page 3 please add a comma --"...,..."-- after

the words --“...marker...”-- in the line 5, --“...system...”-- and vehicles in line 6 and add the phrase --“...the single hazard marker...”-- after the word --“...vehicles.”

In the paragraph beginning on line 13 of page 3 please add a comma --“...,...”-- and the phrase --“...the single hazard marker...”-- after the second occurrence of the word --“...marker...”-- in line 13 and after the word --“...reactants...”-- on line 14.

In the paragraph beginning on line 18 of page 3 please add a comma --“...,...”-- and the phrase --“...the single hazard marker...”-- after the second occurrence of the word --“...marker...”-- in line 18 and a comma --“...,...”-- and the phrase --“...the body...”-- after the words --“...collapsible body...”-- on line 19.

In the paragraph beginning on line 23 of page 3 please add a comma --“...,...”-- and the phrase --“...the single hazard marking system...”-- after the words --“...warning system...”-- in line 24.

In the paragraph beginning on line 11 of page 5, please add on line 16 after the capitalized letters --“...ABC...”-- the words --“...(Atomic, Biological and Chemical, now known as NBC, Nuclear, Biological and Chemical)...”-- enclosed in parentheses.

In the paragraph beginning on line 2 of page 7, on line 2, please add the word --“...is...”-- before the words --“...to provide.”

In the paragraph beginning on line 8 of page 7, on line 8, please add the word --“...is...”-- before the words --“...to provide.”

In the paragraph beginning on line 15 of page 10, on line 27, please delete the word --“...for...”-- between the words --“...provided...”-- and --“...in carousel 164.”

In the paragraph beginning on line 14 of page 18, on line 12 in page 19, please delete the words --“...and latch plates 261, 261' have...”-- and insert the word --“...has...”-- after the words --“...After lever mount 260.”

In the paragraph beginning on line 16 of page 22 on line 17, please add the numeral --“...31...”-- after the word --“...container.”

In the paragraph beginning on line 9 of page 33 on line 10, please replace the word --“...lidar...”-- with the words --“...LIDAR, LIght Detection and Ranging...”

In the paragraph beginning on line 9 of page 39 on line 21, in line 26 of page 40, please restore the word --“...or...”-- after the words --“...mast 18...”-- and insert the word --“...of...”-- before the words --“...mast 18.”

In the paragraph beginning on line 9 of page 41 on line 12, in line 2 of page 41, please insert the numeral –“...265...”– after the word –“...remote unit.” Applicant avers that no new matter has been added to the specification as corrected. Applicant believes that this amendment to the instant application is in full compliance with 37 CFR 1.121 practice and respectfully requests reconsideration thereof.

In the drawings, please amend Fig. 6 by deleting the lead line from the underneath side of the broken off section of the fiber optic cable and reinserting separate lead lines leading to the separated elements extending from the broken off section of the fiber optic cable. Applicant has further amended Fig. 6 to show these changes thereto in addition to the changes listed below from previous office actions. Applicant avers that no new matter has been added to the specification by this change to Fig. 6 as the change accurately reflects the description in the specification. A revised marked up copy of Fig. 6 is appended to this amendment.

Additionally, in Fig. 8A, please delete the numeral 277 and the lead line therefrom from the top edge of plate 99 and insert the number 277 and lead line leading to the top edge of plate 50A. Applicant avers that no new matter has been added to the specification by this change to Fig. 8 as the change is now in concert with the description in the specification as recited in the paragraph beginning on line 19 of page 19. A marked up copy of Fig. 8a is appended to this amendment.

In the first Official Office Action in the parent application, the Examiner objected to the drawings as being unclear what element the numeral 131 referred to in Fig. 2. Applicant has amended Fig. 2 to remove the numeral 131 as it does not properly belong on Fig. 2 and inserted the number 31 referring to the housing carrying the working electronics. Applicant is appreciative of the Examiner's notation concerning numeral 131 and has amended the drawings accordingly. A marked up Figure 2 drawing is appended to this amendment and Applicant respectfully requests that this Fig. 2 be made a part of the instant specification. Applicant avers that no new matter has been added to the drawings with this amendment thereto.

In an Official Office Action in the continuation Serial 10/234,259, the Examiner objected to Figure 3 as not clearly identifying the cross section with the numerals 5-5. Applicant amended Fig. 3 in the response by labeling the cross section with the numerals

5-5. Applicant provides herewith a marked up Figure 3 drawing and Applicant respectfully requests that this amended Fig. 3 be made a part of the instant specification. Applicant avers that no new matter has been added to the specification by these amendments to the drawings as the elements are recited as separate entities in the specification.

In a previous Official Office Action in the parent application, the Examiner also objected to the drawings, specifically Figs. 6 as showing three identical elements, one of which is identified as "switching means 135" and two of which are identified as "light bulb 32" in Fig. 6. Applicant has amended Fig. 6 to separately show the switching means 135 and the three light bulbs 32 by removing the lead line from numeral 135 to one of the three identical elements and drawing a lead line to the separate element now defined as the switching means. Applicant has inserted a lead line from the numeral 32 to all the identical elements thus establishing these elements as light bulbs and differentiating these elements from the switching means. As these elements have been separated, Applicant believes these changes to the drawings comply with the Examiner's requirements thus showing the elements as different entities. Applicant avers that no new matter has been added to the specification by these amendments to the drawings as the elements are recited as separate entities in the specification. Applicant respectfully requests reconsideration of the drawings in light of these changes thereto.

The Examiner has also objected to the drawings under 37CFR 1.83(a) as the "remote station" such as a "hand-held transceiver" or Geo-Positional Satellite" must be shown in the drawings or canceled from the claims. Applicant has shown the remote station in Fig. 6 and numbered the remote station generally as numeral 265. Applicant believes that the drawing Fig. 6 thus comply with 37CFR 1.83(a) showing all elements of the claims. Applicant avers that no new matter has been added to the specification by these amendments thereto.

Applicant had further amended Fig. 6 showing elements and sensors as recited in the claims of a previous application. Specifically, sensors are now shown by the numeral 280, the means for receiving is generally shown by the numeral 285, the means for activating is generally shown by the numeral 290, the means for transmitting is generally shown by the numeral 295, the means for communicating is generally shown by the numeral 300, the

means for detecting is generally shown by the numeral 305 and the means for controlling is generally shown by the numeral 310. Applicant believes that these amendments to Fig. 6 of the drawings is in full compliance with 37CFR 1.83(a) showing all elements of the claims in the drawings. Applicant avers that no new matter has been added to the application by these changes to the drawings and specification. Applicant has included a marked up copy of Fig. 6 immediately following the remarks.

Applicant has further amended figure 8b of the specification to remove confusion between parts 215 and 216 by placing a prime mark after each of the numbers for part number 215 to distinguish these elements from the substantially identical elements in part 216. Applicant avers that no new matter has been added to the specification by these amendments to Fig. 8b. Applicant has appended a marked up copy of Fig. 8b following Fig. 6.

Applicant established small entity status in the parent application Serial 09/306,171 filed on 05/06/1999, continued small entity status through division Serial 09/901,791 filed on 07/09/2001 and further continued small entity status through continuation Serial 10/234,259 filed on 09/04/2002. Applicant's status as a small entity has not changed nor, in accord with 37CFR1.27 (4)(i), does the right to the Government at the beginning of the specification affect small entity status. Therefore, Applicant specifically claims small entity status in this Continuation.

Applicant submits herewith a complete clean set of the amended drawings following the marked up drawings.

In view of the above amendment, Applicant respectfully requests consideration and allowance of this continuing application.

Respectfully submitted,

Bahador Ghahramani

By 

Richard L. Marsh, Agent
Registration No. 31,637
4116 E. Latoka
Springfield, Missouri 65809

Date: 30 September 2003

Phone: (417) 887-8441
(417) 887-3731 (home)
Fax: (417) 887-8441